

Abstract

The invention relates to an intra-osseous implant for placement in bone of a human or animal body, which allows an accurate implant position at a desired depth into bone tissue, providing without losing a high degree of primary implant stability, comprising at least one intra-osseous part intended for placement in said bone tissue having an apical side and a cervical side, which part is provided on its circumferential surface with a thread running in the direction of the apical end and with one or more grooves extending in longitudinal direction and interrupting the screw thread into multiple interrupted screw thread parts serving as retention elements allowing the placement of the implant in longitudinal direction into said bone tissue but preventing the removal of the implant in opposite longitudinal direction of said bone and a support part present at said cervical side of said at least one intra-osseous part intended for supporting a prosthetic element.